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JOSEPH A WIDAY
VICE PRESIDENT & PLANT MANAGER
GINNA STATION

February 12, 2003

U.S. Nuclear Regulatory Commission
Document Control Desk
Attn: Robert Clark
Project Directorate I
Washington, D.C. 20555

Subject: Emergency Operating Procedures
R.E. Ginna Nuclear Power Plant
Docket No. 50-244

Dear Mr. Clark:

As requested, enclosed are Ginna Station Emergency Operating Procedures.

Very truly yours,

Joseph A. Widay

JAW/jdw

xc: U.S. Nuclear Regulatory Commission
Region I
475 Allendale Road
King of Prussia, PA 19406-1415

Ginna USNRC Senior Resident Inspector

Enclosure(s):

ATT Index
ATT-1.0, Rev 3
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A045

PARAMETERS: DOC TYPES - PRATT PRAR PRER STATUS EF QU 5 YEARS ONLY·

PROCEDURE NUMBER	PROCEDURE TITLE	REV	EFFECT DATE	LAST REVIEW	NEXT REVIEW	ST
ATT-1 0	ATTACHMENT AT POWER CCW ALIGNMENT	003	02/12/03	02/12/03	02/12/08	EF
ATT-1.1	ATTACHMENT NORMAL CCW FLOW	000	05/18/00	05/18/00	05/18/05	EF
ATT-2.1	ATTACHMENT MIN SW	005	02/01/01	02/03/03	02/03/08	EF
ATT-2.2	ATTACHMENT SW ISOLATION	008	03/06/02	08/11/98	08/11/03	EF
ATT-2.3	ATTACHMENT SW LOADS IN CNMT	004	03/06/02	12/31/99	12/31/04	EF
ATT-2.4	ATTACHMENT NO SW PUMPS	001	01/08/02	10/31/01	10/31/06	EF
ATT-2.5	ATTACHMENT SPLIT SW HEADERS	000	06/26/02	06/26/02	06/26/07	EF
ATT-3.0	ATTACHMENT CI/CVI	006	03/06/02	01/06/99	01/06/04	EF
ATT-3.1	ATTACHMENT CNMT CLOSURE	004	03/06/02	01/25/99	01/25/04	EF
ATT-4.0	ATTACHMENT CNMT RECIRC FANS	003	07/26/94	05/13/98	05/13/03	EF
ATT-5.0	ATTACHMENT COND TO S/G	005	03/06/02	12/31/99	12/31/04	EF
ATT-5.1	ATTACHMENT SAFW	008	05/30/02	12/31/99	12/31/04	EF
ATT-5.2	ATTACHMENT FIRE WATER COOLING TO TDAFW PUMP	003	01/14/99	01/14/99	01/14/04	EF
ATT-6.0	ATTACHMENT COND VACUUM	003	12/18/96	02/03/03	02/03/08	EF
ATT-7.0	ATTACHMENT CR EVAC	006	03/06/02	02/03/03	02/03/08	EF
ATT-8.0	ATTACHMENT DC LOADS	006	03/22/99	01/14/99	01/14/04	EF
ATT-8.1	ATTACHMENT D/G STOP	005	03/06/02	02/03/03	02/03/08	EF
ATT-8.2	ATTACHMENT GEN DEGAS	008	06/20/02	08/17/99	08/17/04	EF
ATT-8.3	ATTACHMENT NONVITAL	004	03/06/02	02/03/03	02/03/08	EF
ATT-8.4	ATTACHMENT SI/UV	005	03/06/02	02/03/03	02/03/08	EF
ATT-8.5	ATTACHMENT LOSS OF OFFSITE POWER	000	05/02/02	05/02/02	05/02/07	EF
ATT-9.0	ATTACHMENT LETDOWN	008	03/06/02	03/06/02	03/06/07	EF
ATT-9.1	ATTACHMENT EXCESS L/D	005	03/06/02	10/31/01	10/31/06	EF
ATT-10 0	ATTACHMENT FAULTED S/G	006	03/06/02	05/13/98	05/13/03	EF

PARAMETERS: DOC TYPES - PRATT PRAR PRER STATUS: EF QU 5 YEARS ONLY:

PROCEDURE NUMBER	PROCEDURE TITLE	REV	EFFECT DATE	LAST REVIEW	NEXT REVIEW	ST
ATT-11.0	ATTACHMENT IA CONCERNS	002	04/07/97	08/11/98	08/11/03	EF
ATT-11.1	ATTACHMENT IA SUPPLY	003	03/06/02	08/11/98	08/11/03	EF
ATT-11.2	ATTACHMENT DIESEL AIR COMPRESSOR	004	11/18/02	04/03/98	04/03/03	EF
ATT-12.0	ATTACHMENT N2 PORVS	005	02/12/03	02/12/03	02/12/08	EF
ATT-13.0	ATTACHMENT NC	003	02/12/03	02/12/03	02/12/08	EF
ATT-14.0	ATTACHMENT NORMAL RHR COOLING	003	03/06/02	09/23/99	09/23/04	EF
ATT-14.1	ATTACHMENT RHR COOL	005	01/08/02	01/08/02	01/08/07	EF
ATT-14.2	ATTACHMENT RHR ISOL	003	02/12/03	02/12/03	02/12/08	EF
ATT-14.3	ATTACHMENT RHR NPSH	003	03/06/02	01/06/99	01/06/04	EF
ATT-14.5	ATTACHMENT RHR SYSTEM	002	07/26/94	02/03/03	02/03/08	EF
ATT-14.6	ATTACHMENT RHR PRESS REDUCTION	002	03/06/02	01/14/99	01/14/04	EF
ATT-15.0	ATTACHMENT RCP START	009	03/06/02	03/17/00	03/17/05	EF
ATT-15.1	ATTACHMENT RCP DIAGNOSTICS	003	04/24/97	02/03/03	02/03/08	EF
ATT-15 2	ATTACHMENT SEAL COOLING	005	03/06/02	02/03/03	02/03/08	EF
ATT-16.0	ATTACHMENT RUPTURED S/G	011	07/18/01	01/11/00	01/11/05	EF
ATT-16.1	ATTACHMENT SGTL	002	03/06/02	09/08/00	09/08/05	EF
ATT-16.2	ATTACHMENT RCS BORON FOR SGTL	002	04/09/02	09/08/00	09/08/05	EF
ATT-17.0	ATTACHMENT SD-1	014	06/20/02	02/29/00	02/28/05	EF
ATT-17.1	ATTACHMENT SD-2	006	03/06/02	01/30/01	01/30/06	EF
ATT-18.0	ATTACHMENT SFP - RWST	005	03/06/02	02/03/03	02/03/08	EF
ATT-20.0	ATTACHMENT VENT TIME	003	07/26/94	02/03/03	02/03/08	EF
ATT-21.0	ATTACHMENT RCS ISOLATION	002	03/06/02	02/03/03	02/03/08	EF
ATT-22.0	ATTACHMENT RESTORING FEED FLOW	003	05/02/02	01/22/02	01/22/07	EF
ATT-23.0	ATTACHMENT TRANSFER 4160V LOADS	000	02/26/99	02/26/99	02/26/04	EF

PARAMETERS. DOC TYPES - PRATT PRAR PRER STATUS- EF QU 5 YEARS ONLY:

PROCEDURE NUMBER	PROCEDURE TITLE	REV	EFFECT DATE	LAST REVIEW	NEXT REVIEW	ST
ATT-24.0	ATTACHMENT TRANSFER BATTERY TO TSC	000	09/08/00	09/08/00	09/08/05	EF
ATT-26 0	ATTACHMENT RETURN TO NORMAL OPERATIONS	000	10/31/01	10/31/01	10/31/06	EF

TOTAL FOR PRATT 50

EOP.	TITLE:	REV: 3
ATT-1.0	ATTACHMENT AT POWER CCW ALIGNMENT	PAGE 1 of 1

Responsible Manager RS Williams Date 2-12-2003

This attachment provides the normal at power valve alignment for control board operated valves:

NOTE: IF any valve position differs from that indicated below, THEN the reason should be determined and the valve restored to normal if desired.

o CCW to RHR Hx A	MOV-738A Closed
o CCW to RHR Hx B	MOV-738B Closed
o CCW from RCP 1A Thermal Barrier	AOV-754A Open
o CCW from RCP 1B Thermal Barrier	AOV-754B Open
o CCW from Ex Ltdn Hx Isol Vlv	AOV-745 Open
o CCW Surge Tk Vent	RCV-017 Open
o CCW to CNMT Isol Vlv	MOV-817 Open
o CCW to Rx Supp Clrs Isol Vlv	MOV-813 Open
o CCW from Rx Supp Clrs Isol Vlv	MOV-814 Open
o CCW to RCP 1A Isol Vlv	MOV-749A Open
o CCW to RCP 1B Isol Vlv	MOV-749B Open
o CCW from RCP 1A Isol Vlv	MOV-759A Open
o CCW from RCP 1B Isol Vlv	MOV-759B Open
o NRHX Ltdn Outlet Temp (Controller)	TCV-130 In Auto at approximately 100°F

EOP:	TITLE:	REV: 5
ATT-12.0	ATTACHMENT N2 PORVS	PAGE 1 of 2

Responsible Manager RS Dalrymple Date 2-12-2003

WHEN IA to CNMT NOT available, THEN perform the following to operate one (or both) PRZR PORV(s) in accordance with guidance provided by the procedure step:

NOTE:
- **If RCS overpressurization accumulator pressure decreases to less than 200 psig, then recharge accumulators using S-29.2, CHARGING THE REACTOR VESSEL OVERPRESSURE PROTECTION SYSTEM ACCUMULATORS WITH N2. This will require reset of CI and XY relays for the N2 supply valve to CNMT, AOV-846.**
- **For FR-H.1 Bleed and Feed the PORV block valve is not required to be operable.**

A) Select a PORV with an operable block valve, obtain a key for the RCS overpressurization system, and perform the appropriate step below:

- PCV-431C:
  a) Verify block valve MOV-515 - OPEN AND OPERABLE
  b) Place ACCUM TO SURGE TK VLV SOV-8616B to OPEN

- PCV-430:
  a) Verify block valve MOV-516 - OPEN AND OPERABLE
  b) Place ACCUM TO SURGE TK VLV SOV-8616A to OPEN

B) To depressurize the RCS in accordance with the guidance provided by the EOP step, perform the following:

- For PCV-431C, place overpressurization system arming switch, N2 ARMING VLV SOV-8619B, to ARM

- For PCV-430, place overpressurization system arming switch, N2 ARMING VLV SOV-8619A, to ARM

C) IF it is desired to maintain PORV(s) open below 410 psig, THEN place overpressure bistables to the trip position: (IF NOT, THEN go to step D)

1. In R-2 Protection Channel 1 Rack
   - 452B
   - 452C

2. In W-2 Protection Channel 2 Rack
   - 451B
   - 451C

3. In B-2 Protection Channel 3 Rack
   - 450B
   - 450C

D) WHEN depressurization complete, THEN close PORV(s) by performing the following:

- For PCV-431C:
  - Place N2 ARMING VLV SOV-8619B to BLOCK
  - Place ACCUM TO SURGE TK VLV SOV-8616B to CLOSE

- For PCV-430:
  - Place N2 ARMING VLV SOV-8619A to BLOCK
  - Place ACCUM TO SURGE TK VLV SOV-8616A to CLOSE

E) Ensure the overpressure protection bistables in the untripped position:

1. In R-2 Protection Channel 1 Rack
   - 452B
   - 452C

2. In W-2 Protection Channel 2 Rack
   - 451B
   - 451C

3. In B-2 Protection Channel 3 Rack
   - 450B
   - 450C

EOP:	TITLE:	REV: 3
ATT-13.0	ATTACHMENT NC	PAGE 1 of 1

Responsible Manager _____ Date 2-12-2003

NOTE: It may take several minutes following initial transient for natural circulation to develop.

The following conditions indicate natural circulation flow:

- RCS subcooling based on core exit T/Cs - GREATER THAN REQUIREMENTS OF FIGURE MIN SUBCOOLING
- S/G pressures - STABLE OR DECREASING
- RCS hot leg temperatures - STABLE OR DECREASING
- Core exit T/Cs - STABLE OR DECREASING
- RCS cold leg temperatures - AT SATURATION TEMPERATURE FOR S/G PRESSURE

The following equipment should be operating to support natural circulation and cooling:

- Control rod shroud fans
- PRZR heaters (IF D/G loading does NOT permit loading an entire bank of heaters, THEN refer to ER-PRZR.1, RESTORATION OF PRZR HEATERS DURING BLACKOUT)
- One Reactor Compartment Cooling Fan

EOP: ATT-14.2	TITLE: ATTACHMENT RHR ISOL	REV: 3 PAGE 1 of 1

Responsible Manager _____ Date 2-12-2003

NOTE: **o An A-52.4 should be submitted for train being isolated.**
o A locked valve key will be required for local operations.
o Consult RP tech prior to performing any work above the 8 foot level on any AUX BLDG floor.

1) Place the selected RHR pump switch in PULL STOP.

2) Isolate the selected RHR pump as follows:

RHR pump A:

- o Close RHR pump A suction valves
  - o MOV-704A
  - o MOV-850A
- o Close RHR Hx flow control valve, HCV-625
- o Close RHR Hx bypass valve, HCV-626
- o Verify discharge to SI pump suction, MOV-857A, closed
- o Dispatch AO to locally perform the following:
  - o Close recirculation line isolation valve, V-694A (south of RWST purification pump)
  - o Ensure closed RHR pump A discharge crosstie valve, V-709C (RHR sub-basement above RHR pumps)
  - o Close RHR Hx A manual isolation valve, V-717 (by HCV-625)
  - o Close either RHR Hx bypass isolation valve, V-712A or V-712B (AUX BLDG basement outside RHR Hx room)

OR

RHR pump B:

- o Close RHR pump B suction valves
  - o MOV-704B
  - o MOV-850B
- o Close RHR Hx flow control valve, HCV-624
- o Close RHR Hx bypass valve, HCV-626
- o Verify discharge to SI pump suction, MOV-857B, closed
- o Dispatch AO to locally perform the following:
  - o Close recirculation line isolation valve, V-694B (south of RWST purification pump)
  - o Ensure closed RHR pump B discharge crosstie valve, V-709D (RHR sub-basement above RHR pumps)
  - o Close RHR Hx B manual isolation valve, V-715 (by HCV-624)
  - o Close either RHR Hx bypass isolation valve, V-712A or V-712B (AUX BLDG basement outside RHR Hx room)